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DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE DIVISION
INCOMING MESSAGE

Flight, Munroe

File SAMOS

AF IN : 28624 (28 Oct 59) X/ms
ACTION: DAT
INFO : COM

AC - PARAPHRASE NOT REQUIRED EXCEPT PRIOR TO CATEGORY B ENCRYPTION PHYSICALLY REMOVE ALL INTERNAL REFERENCES BY DATE TIME GROUP PRIOR TO DECLASSIFICATION NO UNCLASSIFIED REFERENCE IF THE DTG IS QUOTED

DE RJWZBK 1C
P 272330Z
FM AFBMD
TO COFS USAF
BT
/~~S E C R E T~~/FROM WDZSS-10-3-E FOR AFDAT PD REF OSD MESSAGE DEF 441266 CMM 8 OCT 59 PD REQUEST PARTS I THROUGH V BE PASSED TO ARPA IN RESPONSE TO REFERENCED MESSAGE PD PART I PD THIS MESSAGE IS SUBMITTED IN ANTICIPATION OF A REVISED SAMOS DEVELOPMENT PLAN AND SAMOS OPERATIONS ANNEX TO BE PRESENTED IN LATE NOVEMBER 59 PD CURRENT CONTRACT NEGOTIATIONS CMM WHICH WILL DEFINITIZE THE PROGRAM AND ATTENDANT COSTS CMM WILL BE THE BASIS OF THE REVISED DEVELOPMENT PLAN AND ANNEX PD THE FOLLOWING IS CONCERNED ONLY WITH PLANNED PROGRAM CHANGES SUBSEQUENT TO THE 30 JANUARY 59 SAMOS DEVELOPMENT PLAN PD PART II CLN GROUND RULES FOR THIS ESTIMATE CMM AND THOSE BEING USED BY AFBMD ON PREPARING

THE REVISED PLAN AND ANNEX ARE AS FOLLOWS CLN A. TOTAL FY60 FUNDS AUTHORIZED FOR THE SAMOS R AND D PROGRAM IS $148 MILLION PD MAXIMUM EFFORT IS BEING MADE TO ATTAIN ALL DIRECTED R AND D OBJECTIVES CMM INCLUDING THE FOUR-LAUNCH RECOVERY PROGRAM CMM WITHIN THIS FUND CEILING PD CONTRACTOR HAS BEEN DIRECTED TO ADJUST HIS SPENDING TO THE $148 MILLION CEILING PD B. TARGET DATE FOR FIRST SAMOS R AND D LAUNCH
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IS 24 JUNE 1960 PD THIS DATE IS CONTINGENT UPON SUCCESSFUL ACCELERATION OF THE I AND C SCHEDULE AT THE PT ARGUELLO SITE PD C. THE COMPLETION DATE OF THE R AND D LAUNCH SCHEDULE CMM NOW PLANNED FOR MAY 1962 CMM IS CONTINGENT UPON EARLY AVAILABILITY OF THE 65-1 COMPLEX AT VAFB FOR R AND D PUPOSES PD DECISION TO MAKE 65-1 AVAILABLE FOR THIS PUPOSE MUST BE MADE BY DECEMBER 59 IF THE SCHEDULE IS TO BE MET PD PART III PD BASED ON THE ABOVE GROUND RULES THE FOLLOWING SAMOS FLIGHT SCHEDULE IS ESTABLISHED PD

FLIGHT	PAYLOAD	STAND	COMPLEX	DATE
1	E/F	1	PT ARGUELLO 1	JUNE 60
2	E/F	2	"	AUG 60
3	E/F	1	"	SEPT 60
4	E	1	"	NOV 60
5	F	2	"	DEC 60
Y	E	1	"	JAN 61
7	F	2	"	FEB 61
8	E	1	"	APR 61
9	F	2	"	JUL 61
10	E/R/	1	65-1	AUG 61
11	E	1	PT ARGUELLO 1	SEPT 61
12	F	2	"	OCT 61

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13	E/R/	1	65-1	NOV 61
14	E	1	PT ARGUELLO 1	DEC 61
15	F	2	"	JAN 62
16	E/R/	1	65-1	JAN 62
17	E	1	PT ARGUELLO 1	FEB 62
18	E/R/	1	65-1	MAY 62

PART IV PD FLIGHT CONFIGURATIONS ARE AS FOLLOWS CLN FLIGHTS 1 CMM 2 AND 3 ARE DUAL PAYLOAD CMM SINGLE TANKAGE AGENA VEHICLE CMM MODIFIED ATLAS D BOOSTER AS PREVIOUSLY PLANNED PD FLGHTS 4 THROUGH 18 ARE SIGNEL PAYLOAD CMM DUAL TANKAGE AGENA VEHICLE CMM WITH ORBITAL ADJUST CAPABILITY CMM MOODIFIED ATLAS D BOOSTER PD THE CHANGE TO DUAL TANKAGE FOR SAMOS USE WAS BASED ON PRODUCTION AND STAND MODIFICATION CONSIDERATIONS IN VIEW OF ALL OTHER AGENA PROGRAMS USING THIS CONFIGURATION CLN PART V. THE E-3 VISUAL RECONNAISSANCE PAYLOAD IS BEING INVESTIGATED TO DETERMINE APPROACH AND SCHEDULE FOR A FIVE FOOT GROUND RESOLUTION READOUT SYSTEM PD PART VI PD FACILTIY REQUIREMENT REFLECT THE FOLLOWING ADDITIONS CLN A. TRACKING AND DATA ACQUISITION STATION CMM FI STEVENS CMM OREGON PD DESCRIPTION AND UTILIZATION OF THIS STATION ARE AS INDICATED FOR THE NEW BOSTON AND OTTUMWA STATIONS IN THE

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EP JANUARY 59 DEVELOPMENT PLAN PD THIS FACILITY WILL SUPPORT OPERATIONAL REQUIREMENTS CMM IN PLACE OF THE INTERIM VAFB STATION CMM AND WILL BE DEALT WITH IN DETAIL IN THE SAMOS OPERATIONS ANNEX TO THE DEVELOPMENT PLAN TO BE PRESENTED IN NOVEMBER 59. PD 3. EARLY FIX PD. THE R AND D PROGRAM FOR THE DATA PROCESSING SUBSYSTEM OF SAMOS IS RPOCEEDING AS OUTLINED IN THE JANUARY DEVELOPMENT PLAN WITH CERTAIN MODIFICATIONS REQUIRED BY DIRECTIVES FROM HQ USAF AND ARPA PD THESE MODIFICATIONS CONCER A SHIFT IN THE LOCATION FOR ACCOMPLSIHING A MAJOR PORTION OF THE R AND D SYSTEM TESTING FROM THE CONTRACTORS FACILITIES AT DENVER TO THE IPC AT OFFUTT AFB PD THE TOTAL SCOPE CMM PURPOSE CMM OBJECTIVES AND TECHNICAL COMPOSITION OF THE PROGRAM REMAINS THE SAME AS REPORTED WITH THE ADDITION OF A PACKAGE OF EQUIPMENT AND A COMPLEMENT OF PERSONNEL TERMED EARLY-FIX PD THIS PACKAGE IS PART OF THE OPERATIONAL ANNEX TO THE DEVELOPMENT PLAN NOW BEING REVISED PD THE EQUIPMENT AND PERSONNEL ARE REQUIRED TO RPOVIDE THE AIR FORCE OPERATING SQUADRON AT OFFUTT AFB WITH THE CAPABILITY PROCESS THE DATA GENERATED BY THE INITIAL R AND D SAMOS TEST FLIGHTS PD THIS EQUIPMENT MAY BE EVENTUALLY INTEGRATED INTO THE OPERATIONAL SYSTEM AS IT IS DEVELOPED AT OFFUTT AFB PD DETAILED CRITERIA FOR THIS PACKAGE INIDCATES A TOTAL OF 12000 SQUARE FEET

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WILL BE REQUIRED AT A COST OF $.2 MISSION PD C. IPC/TOCC PD IN ORDER TO FULLY SATISFY AND CONFORM WITHTHE DIRECTIVES RECEIVED CMM THE CONSTRUCTION PROGRAM FOR THE CENTRAL OPERATING IPC/TOCC FACILITY HAS BEEN ACCELERATED PD THE DETAILED CRITERIA FOR THIS INDICATES THAT A TOTAL OF 216000 Q FT WILL BE REQUIRED FOR THE COMBINED INTEGRATED FACILTIY FOR A TOTAL COST OF $3.5 MILLION CONSTRUCTION FUNDS PD THIS REPRESENTS AN INCREASE OF 66000 SQ FT AND $1 MILLION OVER THE AMOUNTS ESTIMATED IN THHE OPERATIONAL ANNEX OF THE JANUARY DEVELOPMENT PLAN PD

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